This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Display
Manufacturer: Samsung
Firmware Version: N/A
Model(s):   P63FP-2

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
1	2/27/2013	1.5.1	3.3.2	Initial version.

Driver Notes:
- Driver includes volume optimizations
- Default Device ID is set to 1.
- Device ID Broadcast does not support status.
- Aspect Ratio
  - 16:9 and 4:3 can be set when Input is PC, DVI, BNC, HDMI
  - Auto Wide, Normal (16:9), Zoom, Zoom 1, Zoom 2, Just Scan, Wide Zoom, Normal (4:3), and Wide Fit can be set when Input is AV, S-Video, Component, DVI-D (Video), and HDMI.
  - Just Scan and Wide Fit are not supported depending on some input signals (720p, 1080i)
- Video Wall Mode only works when Video Wall is ON and Input is NOT MagicNet.

**IP Link® Device Interface
Communication Sheet**

Control Commands & States:

Aspect Ratio	16:9	4:3	Auto Wide
	Normal (16:9)	Zoom	Zoom 1
	Zoom 2	Just Scan	Wide Zoom
	Normal (4:3)	Wide Fit	
Auto Image	Execute		
AV Mute	On	Off	
Channel DTV (Step)	Up	Down	
Device ID	Broadcast	0-99	
Executive Mode	On	Off	
Input	PC	BNC	DVI
	AV	S-Video	Component
	MagicNet	DVI - D (Video)	RF
	DTV	HDMI	HDMI PC
On Screen Display	On	Off	
Power Control	On	Off	
Video Wall	On	Off	
Video Wall Mode	Full	Natural	
Volume (Discrete)	0 to 100 in steps of 1		

**IP Link® Device Interface
Communication Sheet**

Status Available:

Aspect Ratio	16:9	4:3	Auto Wide
	Normal (16:9)	Zoom	Zoom 1
	Zoom 2	Just Scan	Wide Zoom
	Normal (4:3)	Wide Fit	
AV Mute	On	Off	
Connection Status	Connected	Disconnected	Status Unavailable
Executive Mode	On	Off	
Input	PC	BNC	DVI
	AV	S-Video	Component
	MagicNet	DVI - D (Video)	RF
	DTV	HDMI	HDMI PC
On Screen Display	On	Off	
Power Control	On	Off	
Video Wall	On	Off	
Video Wall Mode	Full	Natural	
Volume (Discrete)	0 to 100 in steps of 1		

MLC60 Series Supported Commands:

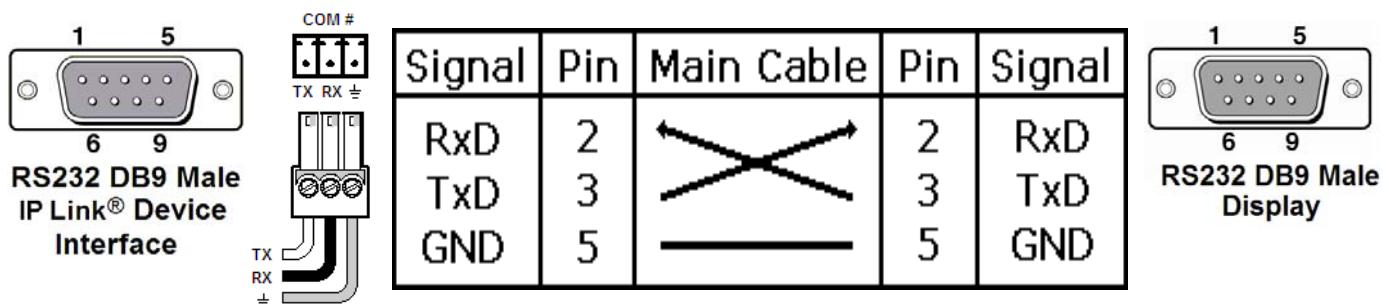|			
Aspect Ratio	16:9	4:3	Auto Wide
	Normal (16:9)	Zoom	Zoom 1
	Zoom 2	Just Scan	Wide Zoom
	Normal (4:3)	Wide Fit	
Auto Image	Execute		
AV Mute	On	Off	
Channel DTV (Step)	Up	Down	
Executive Mode	On	Off	
Input	PC	BNC	DVI
	AV	S-Video	Component
	MagicNet	DVI - D (Video)	RF
	DTV	HDMI	HDMI PC
On Screen Display	On	Off	
Power Control	On	Off	
Video Wall	On	Off	
Video Wall Mode	Full	Natural	
Volume (Discrete)	0 to 100 in steps of 1		

*MLC 60 Series devices only work when Device ID is set to 1.

Cable and Adapter Requirements:
F/F DB9 RS232 Null Modem Serial Cable

Notes for the Device:
An optional Set Back Box is required for this model to support Digital TV and use the Channel DTV (Step) command.

Serial communication:

Port Type:	RS-232		**Parity:**	None
Baud Rate:	9600		**Stop Bits:**	1
Data Bits:	8		**Flow Control:**	None

Pin Assignments Diagram:

Note: Captive screw connector may also be used as a serial connection.

General Notes: